- This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Original) Liquid-crystalline medium based on a mixture of polar compounds of positive or negative dielectric anisotropy, characterised in that it comprises one or more compounds of the general formula I

$$R^1$$
  $O$   $O$   $R^2$ 

in which

R<sup>1</sup> and R<sup>2</sup> are each, independently of one another, identically or differently, H, an alkyl radical having from 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another.

- 2. (Currently Amended) Medium according to Claim 1, characterised in that, in the compound of the formula I, R<sup>1</sup> and/or R<sup>2</sup> are, independently of one another, identically or differently, H, a straight-chain alkyl radical having from 1 to 9 carbon atoms or a straight-chain alkenyl radical having from 2 to 9 carbon atoms.
- 3. (Currently Amended) Medium according to Claim 1 or 2, characterised in that it comprises one or more compounds selected from the group consisting of the compounds of the sub-formulae Ia to Id:

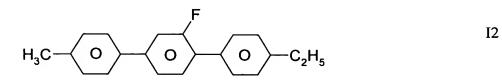
$$alkyl^{1} \longrightarrow O \longrightarrow O \longrightarrow alkyl^{2}$$

$$alkenyl^{1} - O - O - alkyl^{2}$$

where the term "alkyl¹" and "alkyl²" in each case, independently of one another, identically or differently, denotes a hydrogen atom or an alkyl radical having from 1 to 9 carbon atoms, preferably a straight-chain alkyl radical having from 1 to 5 carbon atoms, and the term "alkenyl¹" and "alkenyl²" in each case, independently of one another, identically or differently, denotes an alkenyl radical having from 2 to 9 carbon atoms, preferably a straight-chain alkenyl radical having from 2 to 5 carbon atoms.

4. (Currently Amended) Me dium according to <u>claim 1</u> at least one of the <u>preceding claims</u>, characterised in that it comprises one or more compounds selected from the group consisting of the compounds of the sub-formulae I1 to I25:

$$H_3C \longrightarrow O \longrightarrow O \longrightarrow CH_3$$



$$H_3C - O - O - C_3H_7$$

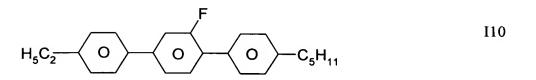
$$H_3C - O - O - C_5H_{11}$$

$$H_5C_2$$
 O O  $CH_3$ 

$$H_5C_2$$
 O O  $C_2H_5$ 

$$H_5C_2$$
 O O  $C_3H_7$ 

$$H_5C_2$$
 O O  $C_4H_9$ 



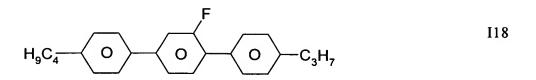
$$H_7C_3$$
 O O  $C_2H_5$ 

$$H_7C_3$$
 O O  $C_3H_7$ 

$$H_7C_3$$
 O O  $C_4H_9$ 

$$H_7C_3$$
 O O  $C_5H_{11}$ 

$$H_9C_4 \longrightarrow O \longrightarrow O \longrightarrow C_2H_5$$



$$H_9C_4$$
 O O  $C_4H_9$ 

$$H_9C_4$$
 O O  $C_5H_{11}$ 

$$H_{11}C_{5}$$
  $O$   $O$   $CH_{3}$   $I21$ 

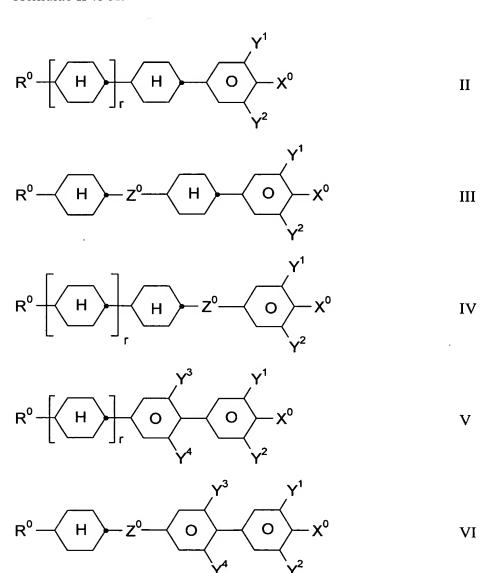
$$H_{11}C_{5}$$
  $O$   $O$   $C_{2}H_{5}$   $I22$ 

$$H_{11}C_5$$
  $O$   $O$   $O$   $C_3H_7$ 

$$H_{11}C_{5}$$
  $O$   $O$   $O$   $C_{4}H_{9}$   $I24$ 

$$H_{11}C_{5}$$
  $O$   $O$   $O$   $C_{5}H_{11}$   $I25$ 

- 5. (Currently Amended) Medium according to <u>claim 1</u> at least one of the <u>preceding claims</u>, characterised in that the proportion of compounds of the formula I in the mixture as a whole is from 1 to 60% by weight.
- 6. (Currently Amended) Medium according to <u>claim 1</u> at least one of the <u>preceding claims</u>, characterised in that it additionally comprises one or more compounds selected from the group consisting of compounds of the general formulae II to X:



$$R^{0} - \left( \begin{array}{c} H \\ \end{array} \right)_{\Gamma} \left( \begin{array}{c} Y^{3} \\ O \\ \end{array} \right)_{\Gamma} Z^{0} - \left( \begin{array}{c} O \\ \end{array} \right)_{\Gamma} X^{0}$$
 VII

$$R^{0} \longrightarrow O \longrightarrow O \longrightarrow X^{0} \qquad VIII$$

$$R^0 \longrightarrow Q^5 \longrightarrow Q^0 \longrightarrow Q^0 \longrightarrow Q^1 \longrightarrow Q^1$$

$$R^{0} \longrightarrow Q^{5} \qquad Q^{3} \qquad Q^{1} \qquad X$$

$$X$$

in which the individual radicals have the following meanings:

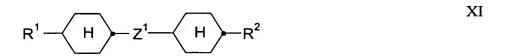
R<sup>0</sup>: n-alkyl, oxaalkyl, fluoroalkyl or alkenyl, each having up to 9 carbon atoms;

X<sup>0</sup>: F, Cl, halogenated alkyl or halogenated alkoxy having from 1 to 6 carbon atoms, or halogenated alkenyl having from 2 to 6 carbon atoms;

Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup>, Y<sup>4</sup>, Y<sup>5</sup> and Y<sup>6</sup>:
each, independently of one another, H or F;

r: 0 or 1.

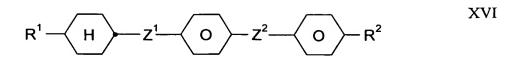
- 7. (Original) Medium according to Claim 6, characterised in that the proportion of compounds of the formulae II to X in the mixture as a whole is from 20 to 70% by weight.
- 8. (Currently Amended) Medium according to <u>claim 1</u> at least one of the <u>preceding claims</u>, characterised in that it comprises one or more compounds selected from the group consisting of compounds of the general formulae XI to XVII:



 $R^1 - \left( H \right) - Z^1 - \left( O \right) - R^2$ 

 $R^1 \longrightarrow C$   $O \longrightarrow R^2$  XIII

 $R^1$  H  $Z^2$  H  $R^2$  XIV



$$R^1$$
  $O$   $Z^1$   $O$   $Z^2$   $O$   $R^2$ 

in which the individual radicals have the following meanings:

R<sup>1</sup> and R<sup>2</sup>: independently of one another, identically or differently, n-alkyl, n-alkoxy or alkenyl, each having up to 9 carbon atoms; and

Z¹ and Z²: independently of one another, identically or differently, a single bond, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CO-O-, -O-CO-, -CH=CH-, -C<sub>2</sub>H<sub>4</sub>-, -C<sub>2</sub>F<sub>4</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>- or -C<sub>4</sub>H<sub>8</sub>-.

- 9. (Original) Medium according to Claim 8, characterised in that the proportion of compounds of the formulae XI to XVII in the mixture as a whole is from 5 to 70% by weight.
- 10. (Currently Amended) Use of a li quid-crystalline medium according to <u>claim 1</u> at least one of the preceding claims for electro-optical purposes.
- 11. (Currently Amended) Electro -optical display devices containing a liquid-crystalline medium according to <u>claim 1</u> at least one of Claims 1 to 9.